

**2014 Pierce's Disease Research Symposium**  
**December 15 – 17, 2014**  
**<<< Symposium Program>>>**

**Monday, December 15**

3:00 p.m. Registration Desk Opens (Gardenia Foyer)  
 3:30 p.m. Poster Room Available for Set-up (Camellia Room)  
 6:00 p.m. Registration Desk Closes; Poster Room Closes

**Tuesday, December 16**

7:30 a.m. Registration Desk Opens (Gardenia Foyer)  
 8:30 a.m. **WELCOME & OPENING REMARKS**  
 (Gardenia Room)  
 8:35 a.m. Call to Order  
*Bob Wynn*  
 8:37 a.m. Welcome  
*Karen Ross, Secretary, CDFA*  
*Juli Jensen, Agricultural Commissioner, Sacramento County*  
 8:57 a.m. Opening Remarks  
*Bob Wynn*  
 9:02 a.m. **GENERAL PRESENTATIONS**  
 (Gardenia Room) -- Moderator: *Roger Spencer*  
 9:05 a.m. Commercializing Promising Technologies  
*Peter Matlock*  
 9:25 a.m. Marketing Communications for Public Information Campaigns  
*Paul Wagner*  
 10:00 a.m. PD/GWSS Outreach Update  
*Ken Freeze*  
 10:10 a.m. **BREAK** (Gardenia Room)

**Tuesday, December 16 (continued)**

10:30 a.m. **SESSION 1: VECTOR BIOLOGY, ECOLOGY, AND MANAGEMENT**  
 (Gardenia Room) --- Moderator: *Matt Daugherty*  
 10:35 a.m. Area-wide Management Programs for Controlling the Glassy-winged  
 Sharpshooter in Grape Production Areas  
*Beth Stone-Smith*  
 10:50 a.m. Selective Disruption of Glassy-winged Sharpshooter Maturation and  
 Reproduction by RNA-interference  
*Shizuo Kamita*  
 11:05 a.m. RNA-interference and Control of the Glassy-winged Sharpshooter and  
 Other Leafhopper Vectors of *Xylella fastidiosa*  
*Bryce Falk*  
 11:20 a.m. Substrate-borne Vibrational Signals in Intraspecific Communication of  
 the Glassy-winged Sharpshooter  
*Rodrigo Krugner*  
 11:35 a.m. Management of Insecticide Resistance in Glassy-winged Sharpshooter  
 Populations Using Toxicological, Biochemical, and Genomic Tools  
*Frank Byrne*  
 11:50 a.m. Monitoring for Insecticide Resistance in the Glassy-winged  
 Sharpshooter in California  
*Tom Perring*  
 12:05 p.m. **LUNCH** (Gardenia Room)  
 1:05 p.m. **SESSION 2: DISEASE-RESISTANT GRAPEVINES**  
 (Gardenia Room) --- Moderator: *Peter Matlock*  
 1:10 p.m. Development of a Grape Tissue Culture and Transformation Platform  
 for the California Grape Research Community  
*David Tricoli*  
 1:25 P.M. Pierce's Disease Resistant Winegrapes Nearing Release  
*Andrew Walker*  
 1:40 p.m. **POSTER SESSION** (Camellia Room)  
 1:45 p.m. Poster Session Begins  
 4:45 p.m. Poster Session Ends  
 4:55 p.m. Poster Room Closes

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## Wednesday, December 17

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- 8:10 a.m. Registration Desk Opens (Gardenia Foyer)
- 8:15 a.m. **SESSION 3: PATHOGEN BIOLOGY AND ECOLOGY, AND PATHOGEN AND DISEASE MANAGEMENT**  
(Gardenia Room) --- Moderator: *Drake Stenger*
- 8:20 a.m. Characterization and Inhibition of *Xylella fastidiosa* Proteins Secreted By the Type II Secretion System and Their Secretion Machinery  
*Caroline Roper*
- 8:35 a.m. Greenhouse Evaluation of Grapevine Fungal Endophytes and Fungal Natural Products Antagonistic to *Xylella fastidiosa* for Control of Pierce's Disease  
*Philippe Rolshausen*
- 8:50 a.m. A Chitinase Is Required for *Xylella fastidiosa* Colonization of Insect and Plant Hosts  
*Rodrigo Almeida*
- 9:05 a.m. Identification of a New Virulence Factor Required for Pierce's Disease and Its Utility in Development of a Biological Control  
*Tom Burr*
- 9:20 a.m. Defining the Role of Secreted Virulence Proteins LesA and PrtA in the Pathobiology of *Xylella* and in the Development of Pierce's Disease  
*Abhaya Dandekar*
- 9:35 a.m. Characterization of the *Xylella fastidiosa* PhoP/Q Two-component Regulatory System  
*Bruce Kirkpatrick*
- 9:50 a.m. Comparison and Optimization of Different Methods to Alter Diffusible Signal Factor Mediated Signaling in *Xylella fastidiosa* in Plants to Achieve Pierce's Disease Control  
*Steve Lindow*
- 10:05 a.m. Current Status of the *Xylella fastidiosa* Outbreak in Italy  
*Donato Boscia*
- 10:35 a.m. **BREAK** (Gardenia Room)

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## Wednesday, December 17 (continued)

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- 10:55 a.m. **ROUNDTABLE DISCUSSIONS**  
(Gardenia Room) --- Moderator: *David Morgan*
- Topics:
- A. Grapevine Field Trials
  - B. Other Pests and Diseases of Winegrapes
  - C. Pathogen Biology and Inhibition
- 12:10 p.m. **LUNCH** (Gardenia Room)
- 1:10 p.m. **SESSION 4: GRAPEVINE FIELD TRIALS**  
(Gardenia Room) -- Moderator: *George Bruening*
- 1:15 p.m. Solano County Field Experiment Update Leading to the Next Step in a Collaborative Development of Pierce's Disease Suppressive Transgenic Grape Plants  
*Dave Gilchrist*
- 1:30 p.m. Field Assessment of Grapevines for Symptoms of Pierce's Disease  
*Deborah Golino*
- 1:45 p.m. Challenges and Solutions for Maintaining the Grapevine Field Trial Vineyards  
*Mark Greenspan*
- 2:00 p.m. Eco-epidemiological Models to Assess *Xylella fastidiosa* Spread in Grape Lines with Novel Defensive Traits  
*Adam Zeilinger*
- 2:15 p.m. **CLOSING** (Gardenia Room)
- 2:20 p.m. Closing Comments  
*Bob Wynn*
- 2:30 p.m. Adjournment